Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 17 Nov 2023 until 23:59 on Saturday 18 Nov 2023

Forecast Issued on Thursday 16 Nov 2023 at 12:16

Confidence: Overall high confidence, lower for detail Sunday into Monday.

Headline for Friday 17 Nov 2023: Largely dry, aside from a few morning showers, with bright or sunny spells.

Mountain weather hazards on Friday 17 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Light rain showers (night)	Partly cloudy (night)	Light rain showers	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
70%	40%	30%	40%	30%	10%	10%	40%

Forecast for Friday 17 Nov 2023

Weather: Remnants of the rain band clearing east during the early hours to leave patchy cloud and clears spells. A few scattered showers possible during the first part of the morning, otherwise dry with sunny spells. Clouding over later in the afternoon but remaining bright. Low cloud and rain arriving from the west by midnight.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Few or scattered cloud base 500-700m at times, mainly in association with rain at first or showers during the morning. Visibility mostly good but temporarily reducing in rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 17 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 SW	14/19 W	13/18 W	12/16 SW	12/17 SW	10/14 SW	9/13 S	12/18 S	16/24 S
300	8/13 SW	10/16 W	10/15 SW	8/11 SW	9/14 SW	6/10 SW	7/11 S	9/15 S	12/20 S
Valley	5/12 SW	6/14 SW	5/12 SW	3/9 S	6/11 SW	4/10 SW	4/12 SE	6/15 SE	8/19 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-2	2/-2	2/-2	4/-1	4/0	3/-0	4/0	4/-1
300	5/2	5/1	4/1	4/2	6/3	6/4	6/3	6/4	6/2
Valley	5/3	5/3	4/3	5/3	6/5	7/6	6/4	6/4	6/4
Freezing Level*	1100m	1100m	1000m	1100m	1100m	1100m	1100m	1100m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Feeling cold at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 16 Nov 2023	5mm	15.8mm	18.4mm

Forecast for Saturday 18 Nov 2023

Weather: A band of rain will push eastwards overnight and during Saturday morning giving heavy outbreaks at times. This will have mostly cleared into the afternoon giving drier and brighter conditions with sunny spells, perhaps the odd shower later.

Maximum wind: Southeasterly 20mph gusting 30-35mph, becoming southwesterly into the afternoon but remaining strong.

Chance of cloud-free hill tops above 600m: 20% increasing 80% by mid-afternoon

Low cloud and visibility: Broken low cloud base 400-600m during the morning, lifting and breaking to few or scattered 600-800m into the afternoon. Moderate visibility in rain, poor in hill fog, but good in dry conditions.

Temperature: **Valleys:** Plus 6 rising to plus 12 Celsius
At 600m: Plus 4 rising to plus 10 Celsius
Freezing level: Above summits

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